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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

3732
#4/10/08

Applicant: Zeng et al.

Title: **METHODS AND APPARATUS FOR FLUORESCENCE AND REFLECTANCE IMAGING AND SPECTROSCOPY AND FOR CONTEMPORANEOUS MEASUREMENTS OF ELECTROMAGNETIC RADIATION WITH MULTIPLE MEASURING DEVICES**

Application No.: 10/028,568

Filing Date: December 19, 2001

Attorney Docket No.: 1951-1-5

CERTIFICATE OF MAILING OR TRANSMISSION

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**INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR § 1.97**

TO THE COMMISSIONER FOR PATENTS:

In compliance with the duty of disclosure under 37 CFR § 1.56, Applicant submits herewith patents, publications, or other information for consideration during the examination of this application.

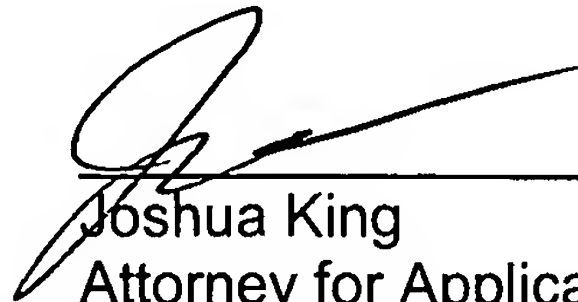
In accordance with 37 CFR § 1.97, the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made nor that the information cited in the statement is or is considered to be "material" to patentability as defined in 37 CFR § 1.56(b).

X Charge any additional fees to Deposit Account No. 07-1897

X A postcard as acknowledgement of receipt of Form PTO-1449 and copies of the documents cited in the attached form are enclosed.

Respectfully submitted,

GRAYBEAL JACKSON HALEY LLP



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Docket Number (Optional)
1951-1-5Application Number
10/028,568

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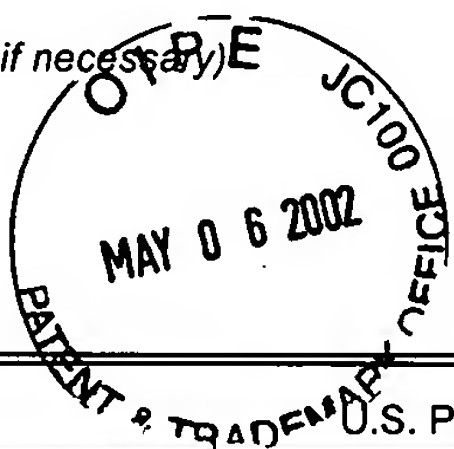
MAY 2-0 2002

Applicant(s)
Haishan Zeng et al.

TECHNOLOGY CENTER 3700

Filing Date
December 19, 2001

Group Art Unit



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,556,057	12/3/1985	Hiruma et al.	128	303.1	
	4,782,819	11/8/1988	Adair	128	6	
	4,786,813	11/22/1988	Svanberg et al.	250	461.1	
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	5,092,331	3/3/1992	Nakamura et al.	128	634	
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	AU2474899A1	8/9/1999	Australia (Bibliographic data)	A61B	5/00	X	
	DE19646176A1	5/15/1997	Germany (Bibliographic data)	A61B	1/06	X	
	DE19819516A1	11/12/1998	Germany (Bibliographic data)	A61B	6/00	X	
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Jianan Qu, Calum MacAulay, Stephen Lam, Branko Palcic, Haishan Zeng, "Fluorescence in normal and carcinoma bronchial tissue", SPIE 2134A, 236-246 (1994).
	Jianan Qu, Calum MacAulay, Stephen Lam and Branko Palcic. "Laser-induced Fluorescence Spectroscopy at Endoscopy", SPIE 2133, 162-169 (1994).

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Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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		Applicant(s) Haishan Zeng et al.			
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	5,507,287	4/16/1996	Palcic et al.	128	633	
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	5,701,903	12/30/1997	Sano et al.	128	665	
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	5,769,792	6/23/1998	Palcic et al.	600	477	
	5,772,580	6/30/1998	Utsui et al.	600	160	
	5,827,190	10/27/1998	Palcic et al.	600	476	
	5,879,284	3/9/1999	Tsujita	600	109	

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	JP10024010A2	1/27/1998	Japan (Abstract only)	A61B	1/00	X	
	JP10057300A2	3/3/1998	Japan (Abstract only)	A61B	1/00	X	
	JP10127563A2	5/19/1998	Japan (Abstract only)	A61B	1/00	X	
	JP10151104A2	6/9/1998	Japan (Abstract only)	A61B	1/00	X	
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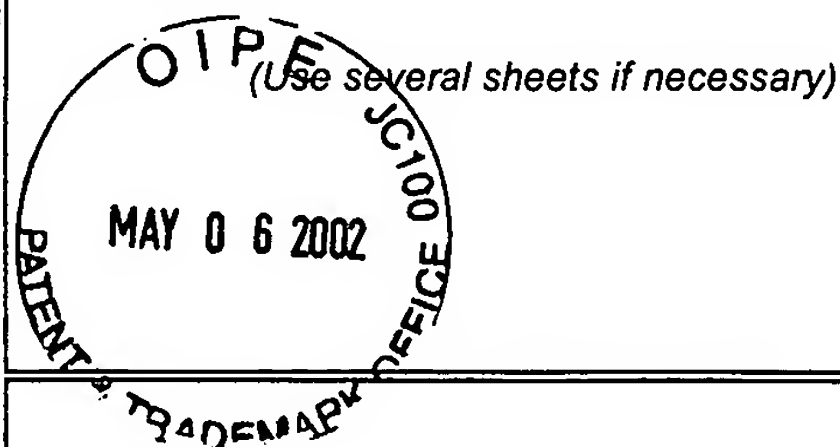
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
		Stephen Lam, Calum MacAulay, Jean LeRiche, Norihiko Ikeda and Branko Palcic, "Fluorescence imaging of early lung cancer", SPIE 2324, 2-7 (1994).
		C. MacAulay, S. Lam, J. Qu, C. Man, M. Harries and B. Palcic, "Optical properties of normal malignant tissues in the nasopharynx and larynx", SPIE 2395, 153-157 (1995).

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION

Docket Number (Optional)
1951-1-5Application Number
10/028,568**RECEIVED**Applicant(s)
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Group Art Unit

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,891,016	4/6/1999	Utsui et al.	600	181	
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	6,008,889	12/28/1999	Zeng et al.	356	73	
	6,021,344	2/1/2000	Lui et al.	600	476	
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	6,148,227	11/14/2000	Wagnieres et al.	600	476	
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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
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	JP10201707A2	8/4/1998	Japan (Abstract only)	A61B	1/04	X	
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	JP10295632A2	11/10/1998	Japan (Abstract only)	A61B	1/04	X	
	JP10328129A2	12/15/1998	Japan (Abstract only)	A61B	1/00	X	
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	Jianan Qu, Calum MacAulay, Stephen Lam and Branko Palcic, "Mechanisms of ratio fluorescence imaging of diseased tissue," SPIE 2387, 71-79 (1995).
	Jianan Qu, Calum MacAulay, Stephen Lam and Branko Palcic, "Laser-induced fluorescence spectroscopy at endoscopy: tissue optics, Monte Carlo modeling, and in vivo measurements", Optical Engineering 34:11, 3334-3343 (1995).

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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JP11244220A2	9/14/1999	Japan (Abstract only)	A61B	1/00	X	
JP1136629A2	5/29/1989	Japan (Abstract only)	A61B	5/00	X	
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JP2096109A2	4/6/1990	Japan (Abstract only)	G02B	23/26	X	

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		S. Lam and A.E. Profio, "Fluorescence Tumor Detection", Minimally Invasive Techniques in Thoracic Medicine and Surgery, ed. Martin R. Hetzel, Chapman & Hall, London, 179-191 (1995).
		Stephen Lam and Heinrich D. Becker. "Future Diagnostic Procedures", Thoracic Endoscopy 6:2, 363-380 (1996).

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FOREIGN PATENT DOCUMENTS							
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	JP7155285A2	6/20/1995	Japan (Abstract only)	A61B	1/00	X	
	JP7155290A2	6/20/1995	Japan (Abstract only)	A61B	1/04	X	
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	JP7250812A2	10/3/1995	Japan (Abstract only)	A61B	1/04	X	
	JP8000557A2	1/9/1996	Japan (Abstract only)	A61B	1/06	X	

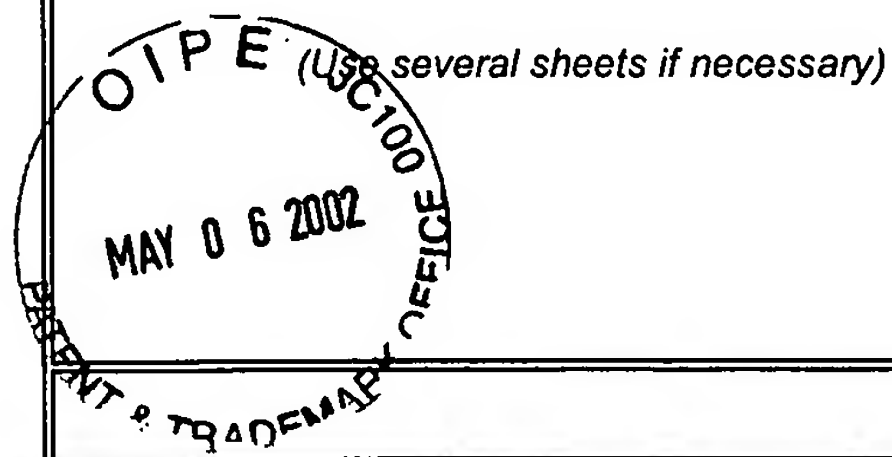
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		Naser Awadh, Calum MacAulay and Stephen Lam, "Detection and Treatment of Superficial Lung Cancer by Using delta Aminolevulinic Acid: A Preliminary Report", J. Bronch. 4:1, 13-17 (1997).
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	JP8140928A2	6/4/1996	Japan (Abstract only)	A61B	1/04	X	
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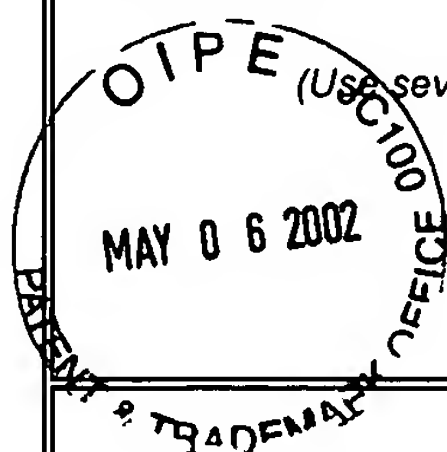
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	JP8224240A2	9/3/1996	Japan (Abstract only)	A61B	10/00	X	
	JP9131305A2	5/20/1997	Japan (Abstract only)	A61B	1/04	X	
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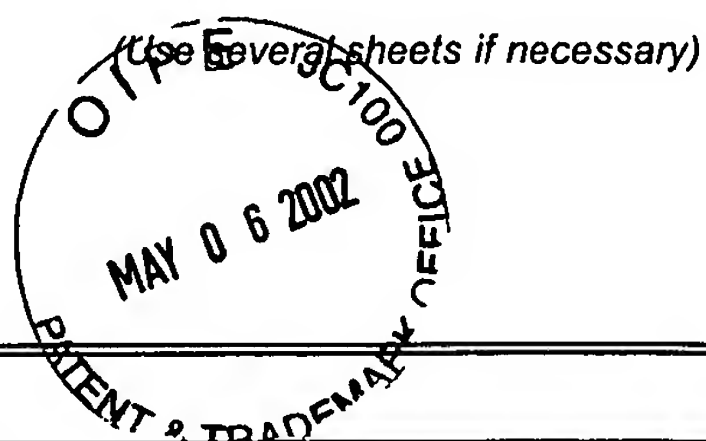
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	WO 99/16344	08/04/1999	PCT	A61B	5/00		
	WO 99/37204	29/07/1999	PCT	A61B	5/00		
	WO 99/39626	12/08/1999	PCT	A61B	5/00	Abstract	
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		Circon advertisement "Selected laparoscopic Products" http://www.circoncorp.com/products/lapr/p-lapr-selected.html July 5, 2001

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